

What is claimed is:

1. An electrical service panel comprising a breaker box having discrete primary and auxiliary electric power inputs associated therewith and a plurality of separate electric distribution circuits leading from said box, a first circuit breaker operatively connecting said primary power input to said plurality of said distribution circuits, a second circuit breaker operatively connecting said auxiliary power input to said distribution circuits, each of said first and second circuit breakers having an external lever arm movable between discrete on and off positions spaced from one another to respectively connect and disconnect said associated primary and auxiliary power inputs with respect to said distribution circuits, a gate associated with said first and second circuit breakers for controlling the movement of said associated lever arm between said on and off positions, a mounting for said gate adjustably supporting said gate on said box for movement to a first position on said box in which only said lever arm of said first circuit breaker can be displaced to an "on" position for transmittal of primary electric power to said distribution circuits and a second position in which only said lever arm of said second circuit breaker can be displaced to an "on" position for transmittal of auxiliary electric power to said distribution circuits.

2. The service power panel of claim 1 wherein both of said lever arms can be simultaneously moved to said "off" position for breaking the connection to said distribution circuits to augment work on said distribution circuits.

3. The service panel of Claim 1 wherein said breaker box has a front face closing said box, said front face being formed with an opening for said circuit breakers, and edge portion of said opening defining an outer support surface, said mounting for said gate being secured to said support surface said an adjustable gate having an elongated main body extending along said edge portion box and further having a laterally extending blocker arm, a track and track follower connection between said main body and said edge portion for limiting movement of said main body to a first position in

which said blocker arm only inhibits movement of said lever arm to said on position and a second position in which said blocker arm only inhibits movement of said lever arm of said second circuit breaker to said on position.

4. An electrical panel and circuit breaker assembly for selectively receiving power from an electrical utility or from an auxiliary electrical generator, comprising a breaker support box having a back pan with at least one electrical conductor thereon, a plurality of distribution breakers operatively mounted on said back pan. a plurality of distribution circuits adapted to be serviced by said distribution breakers, separate primary and auxiliary power circuit breakers mounted on said back pan for operatively connecting utility and auxiliary power to said distribution circuits, and a gate adjustably mounted on said box for movement between (1) a first position to inhibit the conditioning of said primary circuit breaker for power transmittal to said distribution circuits while allowing said auxiliary circuit breaker to transmit power to said distribution circuits and (2) in a second position to inhibit the conditioning of said auxiliary circuit breaker for power transmittal to said distribution circuits while allowing said primary circuit breaker to solely transmit power to said distribution circuits.

5. A method of establishing an auxiliary electric power source alternate to a primary electric source for powering a main electric power panel and thereby supplying auxiliary power to a plurality of distribution circuits, said main power panel having at least one bus bar operatively connected to said distribution circuits and having a main input circuit breaker with a manual handle movable between on and off positions to disconnect and operatively connect a primary source of electric power to said bus bar and thereby to said distribution circuits, a primary electrical conducting circuit breaker operatively connect said primary source to said bus bar and having an external handle movable between open and closed position for operatively connecting and disconnection said primary source with respect to said bus bar comprising the following steps:

(1) moving said handle of said main circuit breaker to an “off” position and ensuring there is no power flood into said box

(2) obtaining an auxiliary circuit breaker corresponding to said main circuit for said auxiliary power source

(3) installing an auxiliary circuit breaker adjacent to the primary circuit breaker in said power panel,

(4) moving a gate to a first position on said panel so that the main breaker handle can be displaced to a panel energized position and the auxiliary circuit breaker handle is blocked from being positioned to a panel energization position thereby ensuring that said panel is only energized to by said primary source of power,

(5) moving said gate to second position on said panel so that the main breaker handle is blocked from movement to an energized position so that only said second circuit breaker can be conditioned to an energized position.

6. The method of claim 5 and further including the step of:

(6) moving said gate to an intermediate position between said first and second positions for simultaneously blocking movement of said main and auxiliary breaker handles to a panel energizing position.
